

WHAT IS CLAIMED IS:

1. A display system for displaying an image to be displayed by an image processing device, divisionally on a plurality of display devices, the display system comprising:

said image processing device;

a first display device for displaying an image on a first display unit;

a second display device for displaying an image on a second display unit;

a first coordinate value input device provided in correspondence with the first display unit; and

a second coordinate value input device provided in correspondence with the second display unit,

wherein said first display device has an input unit for receiving data from said first coordinate value input device and data from said second coordinate value input device.

2. A display system according to claim 1, further comprising a conversion unit for converting coordinate data input from said first coordinate value input device, coordinate data input from said second coordinate value input device, or both the coordinate data, into coordinate value data on a screen before division constituted of a screen of said first display unit and a screen of said second display unit.

3. A display system according to claim 1, wherein  
either a coordinate origin of said first coordinate  
value input device or a coordinate origin of said  
second coordinate value input device is made equal to a  
5 coordinate value origin of a screen before division  
constituted of a screen of said first display unit and  
a screen of said second display unit, and the display  
system further comprises a conversion unit for  
converting data from said coordinate value input device  
10 whose coordinate origin is not made equal to the  
coordinate origin on the screen before division, into  
coordinate value data on the screen before division.

4. A display system according to claim 2 or 3,  
15 wherein said first display device has an output unit  
for outputting data from said first coordinate value  
input device and said second coordinate value input  
device to said image processing device, and said  
conversion unit executes a conversion process before  
20 said first display device outputs the data from the  
first or second coordinate value input device to said  
image processing device via said output unit.

5. A display system according to claim 2 or 3,  
25 wherein said first display device has said conversion  
unit.

6. A display system according to any one of  
claims 1 to 3, wherein said first display device has an  
output unit for outputting data from said first and  
second coordinate value input devices to said image  
5 processing device.

7. A display system according to any one of  
claims 1 to 3, wherein said second display device has a  
signal transmission unit for transmitting data from  
10 said second coordinate value input device to said first  
display device, and said first display device has a  
signal reception unit for receiving the data  
transmitted from the data transmitted from the signal  
transmission unit.

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8. A display device comprising:

display means for displaying a partial area of a  
predetermined screen area;

an input unit to which coordinate data is input  
20 from a coordinate value input device corresponding to  
another display means for displaying another area of  
the predetermined screen area; and

a conversion unit for converting the coordinate  
data into coordinate data on the predetermined screen  
25 area.

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